

# INTERNATIONAL SEARCH REPORT

International Application No

EP 03/00145

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F04B39/10

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                               | Relevant to claim No. |
|------------|--|-----------------------|
| X          | US 4 764 091 A (IKEDA HAYATO ET AL)<br>16 August 1988 (1988-08-16)<br>the whole document<br>column 6, line 50-64 | 1-4,6,8               |
| X          | GB 1 336 676 A (HOERBIGER VENTILWERKE AG)<br>7 November 1973 (1973-11-07)<br>the whole document                  | 1,2,5                 |
| X          | DE 10 93 629 B (WILLY HIRCHE)<br>24 November 1960 (1960-11-24)<br>the whole document                             | 1,2,5                 |
| A          | DE 16 00 739 B (DANFOSS AS)<br>9 July 1970 (1970-07-09)<br>the whole document                                    |                       |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 January 2004

Date of mailing of the international search report

20/01/2004

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